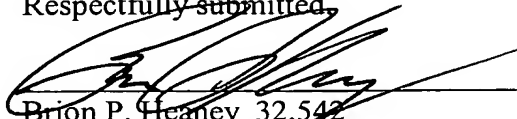


REMARKS

The above amendments eliminate multiple dependent claims and add claims corresponding to claims 22-31, but which depend from claim 18 rather than claim 17. Also, claim 33 is replaced by claims 45 and 46 which are in Jepson format.

The Commissioner is hereby authorized to charge any fees associated with this response or credit any overpayment to Deposit Account No. 13-3402.

Respectfully submitted,



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Attorney Docket No.: BIOVAC-15

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

--21. A pharmaceutical composition comprising a polypeptide according to claim 17 ~~any one of claims 17 to 20~~ and a pharmaceutically acceptable carrier, diluent or adjuvant.

30. A method for diagnostic of Chlamydia infection in a host susceptible to Chlamydia infection comprising

- (a) obtaining a biological sample from a host;
- (b) incubating an antibody or fragment thereof reactive with a Chlamydia polypeptide of claim 17 ~~any of the claims 17 to 20~~ with the biological sample to form a mixture; and
- (c) detecting specifically bound antibody or bound fragment in the mixture which indicates the presence of Chlamydia.

31. A method for diagnostic of Chlamydia infection in a host susceptible to Chlamydia infection comprising

- (a) obtaining a biological sample from a host;
- (b) incubating one or more Chlamydia polypeptides of claim 17 ~~any of the claims 17 to 20~~ or fragments thereof with the biological sample to form a mixture; and
- (c) detecting specifically bound antigen or bound fragment in the mixture which indicates the presence of antibody specific to Chlamydia.--